

AMENDMENTS TO THE CLAIMS

1. (original) A mounting structure of a tire monitoring device in which the tire monitoring device transmitting information of an inside of a tire by using radio waves is mounted on a support core member placed within a cavity of a pneumatic tire,

wherein a transmission antenna of the tire monitoring device is disposed on a load support surface in a peripheral portion of the support core member.

2. (original) The mounting structure of a tire monitoring device according to claim 1, wherein the antenna comprises a conductive antenna base and an insulating cover.

3. (original) The mounting structure of a tire monitoring device according to claim 1, wherein the antenna is formed in a film shape.

4. (original) The mounting structure of a tire monitoring device according to claim 2, wherein the antenna is formed in a film shape.

Please add the following new claims.

5. (new) The mounting structure of a tire monitoring device according to claim 1, wherein the support core member is spaced apart from the inner wall of the pneumatic tire during normal traveling.

6. (new) A mounting structure of a tire monitoring device comprising:

a support core member disposed within the cavity of a pneumatic tire; and

a transmission antenna disposed on a load support surface of said support core member.

7. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said transmission antenna is formed in a film shape.

8. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said transmission antenna includes a conductive antenna base and an insulating cover.

9. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said transmission antenna is disposed in a peripheral portion of said support core member.

10. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said load support surface is the outer surface of said support core member.

11. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said load support surface projects toward the periphery of said pneumatic tire.

12. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said support core member structurally adapted to be spaced apart from the inner wall of said pneumatic tire during normal traveling.

13. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said support core member is structurally adapted to support the flattened pneumatic tire from the inside of said flattened pneumatic tire when punctured.

14. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said support core member has a T-shape cross section.

15. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said tire monitoring device is mounted on said support core member.

16. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said tire monitoring device is disposed on the inner side of the sidewall of said support core member.

17. (new) The mounting structure of a tire monitoring device according to claim 6, wherein said tire monitoring device transmits information from within said cavity of said pneumatic tire.

18. (new) The mounting structure of a tire monitoring device according to claim 17, wherein said tire monitoring device uses radio waves to transmit said information.